

**AN ALGORITHM FOR COMPUTING THE SIZE OF A VIRTUAL CIRCUIT (VC)
GENERATING TOO MUCH RED TRAFFIC**

Abstract of the Invention

A method is provided for computing the size of a virtual circuit that places excessive traffic into a network. An illustrative method adjusts a contracted rate of traffic for a virtual circuit in a telecommunication network and can include downloading statistical data for network switches found on a website, identifying virtual circuits that make excessive use of the network, and adjusting the contracted rate of traffic to form a modified contracted rate of traffic.